

$$\begin{array}{l}
 \begin{array}{l} 18 \rightarrow \\ 000001000001 \end{array} \xrightarrow{\text{LSBs}} + 1000 \rightarrow \begin{array}{l} 22 \downarrow \\ 000001001001 \end{array} \xrightarrow{\text{LSBs}} \\
 \begin{array}{l} 20 \rightarrow \\ 000001001100 \end{array} \xrightarrow{\text{LSBs}} + 1000 \rightarrow \begin{array}{l} 24 \uparrow \\ 000001010100 \end{array} \xrightarrow{\text{LSBs}}
 \end{array}$$

Fig 3

\xrightarrow{x}

(x,y)

	0	1	2	3
0	0100	1000	0100	1000
1	1000	1011	1000	1011
2	0100	1000	0100	1000
3	1000	1011	1000	1011

$\downarrow y$

28

Fig 4

Fig 5

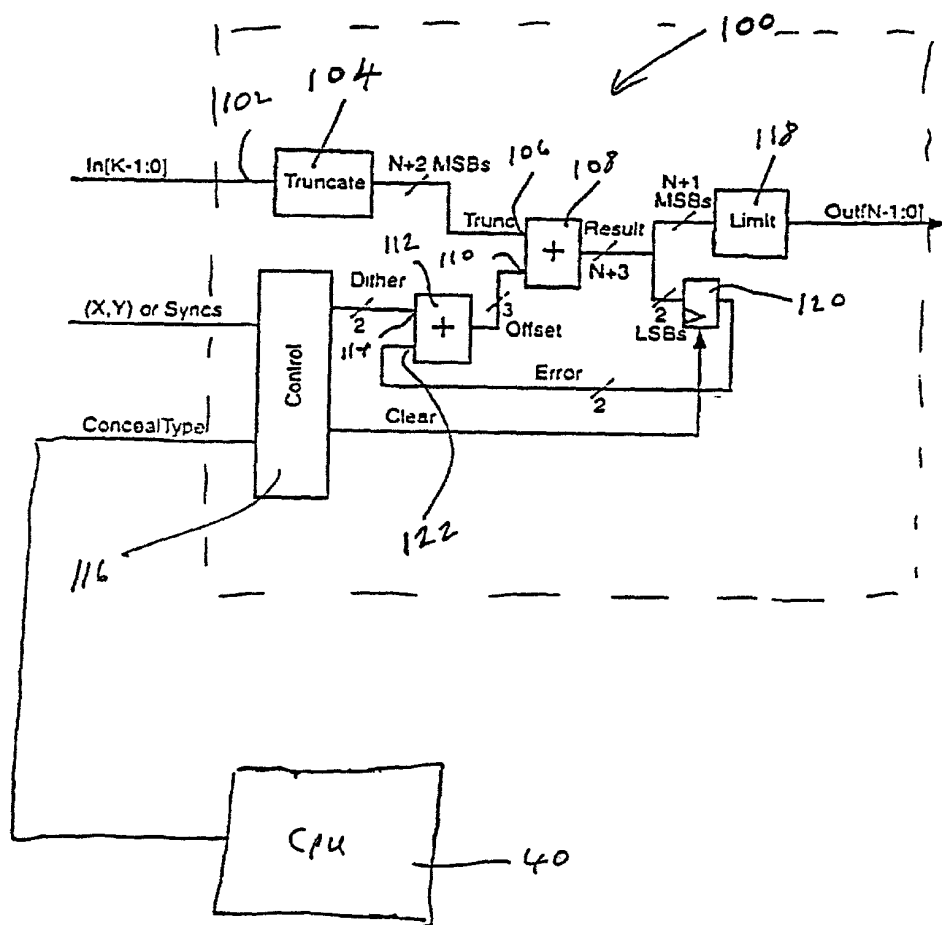
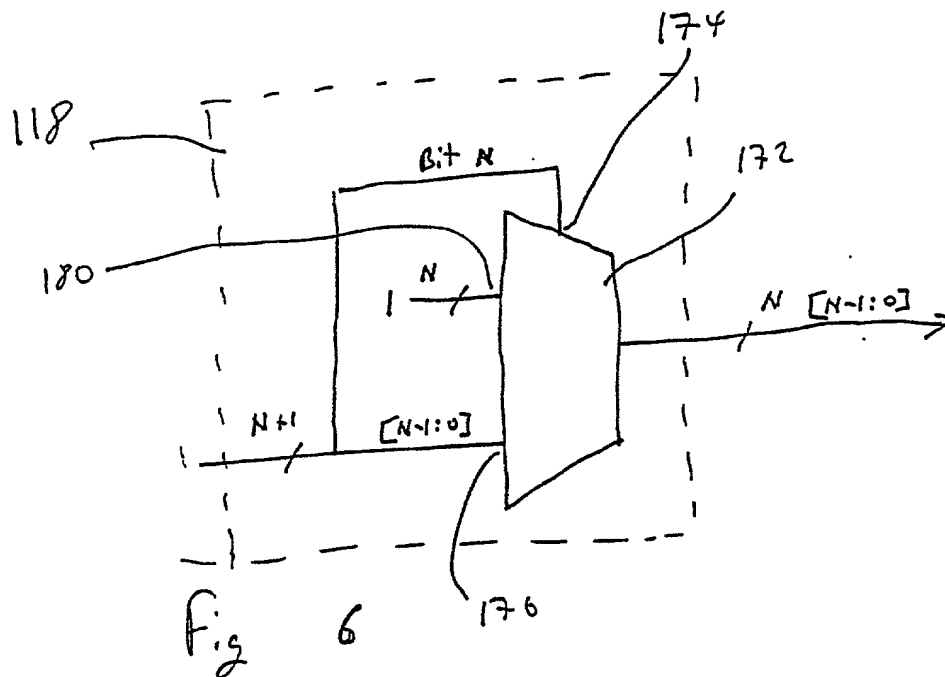


Fig 7

ConcealType	Y[0]	X[0]	Dither[1:0]
truncate	X	X	00
round	X	X	10
dither	0	0	01
	0	1	10
	1	0	10
	1	1	11

Fig 8

01	10	01	10
10	11	10	11
01	10	01	10
10	11	10	11



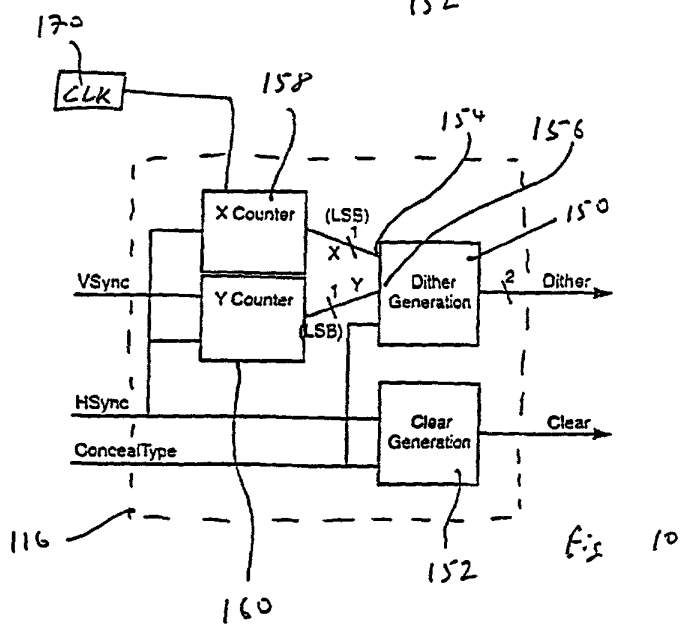
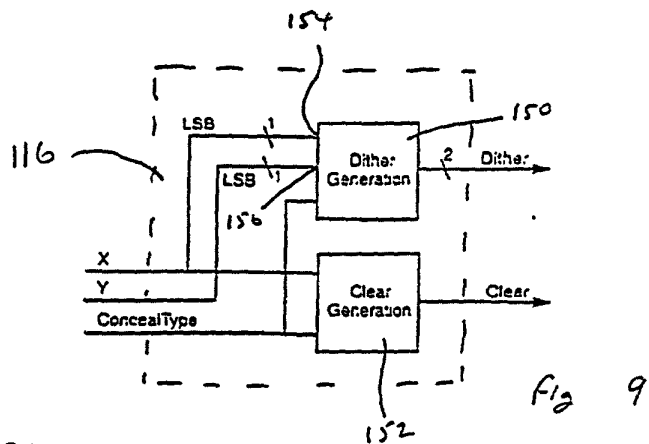


Fig 12

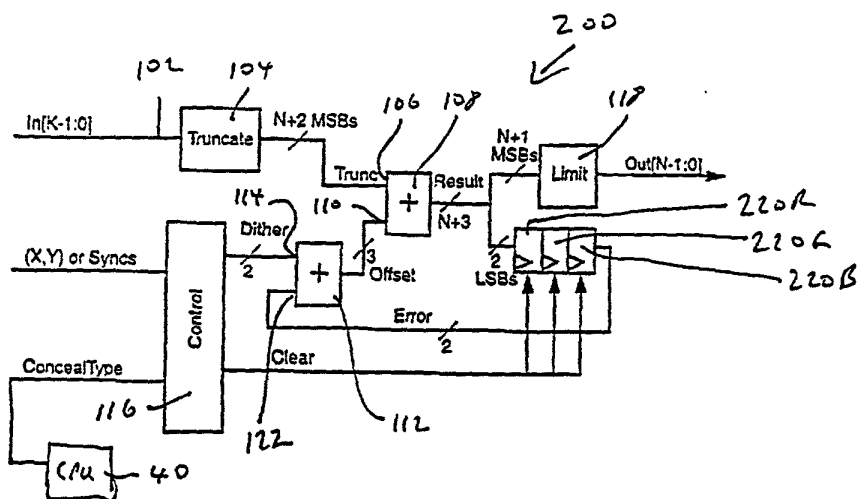


Fig 11

